# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 3542 | 365/158.ccls. 365/171.ccls. 365/173. ccls. 365/66.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/11 19:43 |
| S2 | 0 | S1 and ((flux near5 concentrator) with permeablity) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/23 19:25 |
| S3 | 0 | S1 and ((flux near5 concentrator) same permeablity) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/11 19:44 |
| S4 | 21 | S1 and (flux near5 concentrator) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/11 19:46 |
| S6 | 1 | 10/508924 and permeability | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/12 12:36 |
| S7 | 115 | (flux near4 concentrator) with (permeability) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/12 12:51 |
| S8 | 5 | (insulating near film) with (magnetic near4 flux) with (wiring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/12 12:51 |

| S9 | 165 | "6765821" "6882564" "6909630" "6937506" "7023725" "6538921" "6473336" "6438026" "6269018" | USPAT | OR | OFF | 2007/08/23 15:21 |
|---|---|---|---|---|---|---|
| S10 | 1 | 10/508924 | US-PGPUB; USPAT | OR | OFF | 2007/08/23 15:21 |
| S11 | 1 | 10/508924 and flux | US-PGPUB; USPAT | OR | OFF | 2007/08/23 15:29 |
| S12 | 154681 | magnetic adj2 flux | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 15:30 |
| S13 | 12634 | MRAM (magnetic adj (RAM (random adj access adj memory))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 15:31 |
| S14 | 99393 | (bitline bit-line (local adj bit) (bit adj line)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 15:31 |
| S15 | 89740 | (wordline word-line (global adj bit) (word adj line)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 15:32 |
| S16 | 53647 | (first second upper lower top bottom) adj (wir$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 15:32 |
| S17 | 113811 | (S14 and S15) S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 15:32 |

| S18 | 9723 | TMR (tunnel$3 adj magnetoresistance) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 15:33 |
|---|---|---|---|---|---|---|
| S19 | 1493 | S13 and S17 and S18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 15:34 |
| S20 | 1098 | S19 and (insulat$3 adj (layer film region area pattern)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 15:34 |
| S21 | 373 | S20 and @ad<"20030326" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/24 19:36 |
| S22 | 0 | S21 and S11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/23 15:35 |
| S23 | 58 | S21 and S12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/23 17:01 |
| S25 | 13612 | flux near3 concentrat$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 17:02 |

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| S26 | 53647 | (first second upper lower top bottom) adj (wir$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 17:07 |
| S27 | 11789 | (MTJ TMR) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 17:03 |
| S28 | 28 | S25 and S26 and S27 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 17:03 |
| S29 | 0 | 2002/0034094.pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 17:07 |
| S30 | 2 | "20020034094".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/23 17:07 |
| S31 | 1 | 10/508924 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/23 19:25 |
| S32 | 2369 | 257/295.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/23 19:26 |

# EAST Search History

| S33 | 0 | S32 and ((flux near5 concentrator) with permeablity) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/23 19:25 |
|-----|-----|-----|-----|-----|-----|-----|
| S34 | 47 | S32 and (flux near5 concentrat$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/24 19:34 |
| S35 | 664 | 257/e21.665.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/23 19:26 |
| S36 | 35 | S35 and (flux near5 concentrat$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/23 19:30 |
| S37 | 3 | ("6211090" \| "6724651").PN. OR ("6992342").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/08/23 19:38 |
| S38 | 1367 | (flux near5 concentrat$3).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/24 19:35 |
| S39 | 319862 | ((first second upper lower top bottom middle) near5 (conduct$3 wir$3 metal)).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/26 12:51 |

| S40 | 244 | S38 and S39 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/24 19:36 |
|---|---|---|---|---|---|---|
| S42 | 174 | S40 and @ad<"20030326" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/26 12:36 |
| S44 | 748 | (first second upper lower top bottom) near5 (flux near concentrat$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/26 12:51 |
| S45 | 210 | ((first second upper lower top bottom) near5 (flux near concentrat$3)).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/26 12:51 |
| S46 | 319862 | ((first second upper lower top bottom middle) near5 (conduct$3 wir$3 metal)).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/26 12:55 |
| S47 | 69 | S45 and S46 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/26 13:58 |
| S48 | 2 | "20020034094".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/26 14:33 |

| S49 | 2 | "6724652".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/26 14:34 |
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